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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/804,619	03/19/2004	Jin Feng	306473.01	7852
22971	7590	01/28/2009		
MICROSOFT CORPORATION ONE MICROSOFT WAY REDMOND, WA 98052-6399			EXAMINER ALVESTEPPER, STEPHEN D	
			ART UNIT 2175	PAPER NUMBER
			NOTIFICATION DATE 01/28/2009	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

roks@microsoft.com  
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<b>Office Action Summary</b>	<b>Application No.</b> 10/804,619	<b>Applicant(s)</b> FENG ET AL.	
	<b>Examiner</b> Stephen Alvesteffer	<b>Art Unit</b> 2175	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 07 November 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1,6-9,11,13,14,25-28 and 30 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,6-9,11,13,14,25-28 and 30 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Response to Amendment***

This Office Action is responsive to the Request for Continued Examination (RCE) filed November 7, 2008. Claims 1, 6, 9, 25, 26, and 28 are amended. Claims 2-5, 10, 12, 15-24, and 29 are cancelled. Claims 1, 6, and 25 are independent claims. Claims 1, 6-9, 11, 13, 14, 25-28, and 30 remain pending.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 6-9, 11, 13, 14, 25-28, and 30 are rejected under 35 U.S.C. 102(b) as being anticipated by Teng et al. (hereinafter Teng), United States Patent 6,240,456.

**Regarding claim 1**, Teng teaches a system for use in client/server computing comprising:

a client that interfaces with an applications program (see Teng Figure 2 and column 6 lines 1-21; *“the network client 20 includes an application process 60”*);

a client print spooler operating on the client, the applications program operable to communicate a print request to the client print spooler (see Teng Figure 2 and column 6 lines 1-21; *“Generally, the network client 20 includes an application process 60 linked to*

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*a system API 62, such as a standard text API or drawing API, which is, in turn, linked to a system spooler 64”);*

a user interface manager operating on the client and coupled to the client print spooler (see Teng Figure 2 and column 6 lines 1-21; “*Generally, the network client 20 includes an application process 60 linked to a system API 62, such as a standard text API or drawing API, which is, in turn, linked to a system spooler 64”);*

a first communications channel coupling, via a network, the client print spooler with a server print spooler operating on a print server, the print server distinct from the client, the print server coupled to a printer, wherein the first communications channel provides for communicating data from the application and for control of printing according to the print request (see Teng Figure 2 and column 6 lines 1-21; “*The system spooler 64 includes a system Internet API or sockets driver 66 which provides a means for the network client 20 to communicate with the network server 49 via the Internet 68... The Internet server 70 is linked to a server scripter component 72, such as an Internet Server API (ISAPI) wrapper, which includes a HTTP print server component. A system spooler 74 is connected to the server scripter component 72 via an API 76 and to the printer 50 which has a URL address assigned thereto*”); and

a second communications channel coupling, via the network, the client print spooler with the print server, the second communications channel distinct from the first communication channel, wherein the client print spooler receives messages from the printer via the print server via the second communications channel, and wherein the messages are provided as language neutral message from the print server and are

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converted to language specific messages by the user interface manager and the language specific messages are presented to a user of the client (see Figure 3 and column 6 lines 22-42; *"If the URL address is detected, the system spooler 64 will call the system Internet API 66 in step 88 which is responsible for formatting the data pertaining to the single print job into a Hypertext Transfer Protocol (HTTP) POST request. In particular, HTTP is utilized as it is a protocol which is recognized as being supported by the Internet. If the system spooler 64 does not detect an URL address, the system spooler will execute the print job in step 90 according to the normal conventions supported by the operating system which the network client 20 is utilizing"*, wherein the first communications channel routes data according to the normal conventions, while the second communications channel routes data via HTTP POST requests; see also Teng column 7 lines 10-34; *"Since standard HTTP POST messaging also provides a means for allowing status messages to be returned to the network client 20 in response to an issued HTTP POST request, the network server 49 can also be used to monitor and return the status of the print job request to the network client 20 via the Internet... The HTTP status messages received at the network client 20 may then be forwarded to the user in the form of a graphical user interface, textual message, or the like which those of skill in the art will understand how to formulate"*, wherein the HTTP status messages are language neutral and are interpreted and converted by the graphical user interface).

**Claims 6-9, 11, 13, and 14** recite a system having substantially the same limitations as the system of claim 1. Therefore, the claims are rejected under the same rationale.

**Claims 25-28 and 30** recite a computer readable medium having substantially the same limitations as the system of claim 1. Therefore, the claims are rejected under the same rationale.

### ***Response to Arguments***

Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection. Newly cited prior art Teng (US 6,240,456) *supra* is believed to anticipate every claim. Teng teaches a system and method for collecting printer administration information.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- Kadota (US 2003/0076519) Spool file modifying device
- Trufinescu et al. (US 2004/0193678) Notifications for shared resources

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen Alvesteffer whose telephone number is (571)270-1295. The examiner can normally be reached on Monday-Friday 9:30AM-6:00PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Bashore can be reached on (571)272-4088. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Stephen Alvesteffer  
Examiner  
Art Unit 2175

/S. A./  
Examiner, Art Unit 2175

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